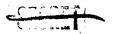
CONFIDENTIAL



5 May 1959

MEMORANDUM FOR: Chief, Technical Services Staff

SUBJECT

: Request for Continuation of Task Order Z, under

Contract RD-26 with

25X1 25X1

1. Description of the Project

Further development and testing of an incinerator that can be used within a building for emergency document destruction.

2. Purpose of the Project

The fabrication of an air cooled incinerator standing five feet high and three and one-half feet in diameter has recently been completed. Preliminary tests using the incinerator are very encouraging in that using only forced air, solid untern paper is being consumed at rates varying from 200 to 800 peunds per hour. Even at the higher rates, without cyclone separators, and no stack, burning is virtually smokeless. The unit itself without motor, blower, and stack weighs only 558 pounds and can be completely assembled or disassembled by two men with ordinary hand tools.

At present the incinerator, as can be expected with any new item, has still several problems to be solved. Burning rates are highest during thefirst half of the period of burning, but during burning of the last thirty pounds of paper the burning rate is unsatisfactory. In addition the burning is extinguished with about five pounds still left in the incinerator which is almost impossible to destroy. In addition the top screen which prevents large pieces from escaping up the stack carburises during burning of highly combustible materials such as newspapers. The screen may become unuseable. It is expected that the above problems will be partially solved within the next few weeks permitting this incinerator to be moved to the

for demonstrations and possible overseas snipment. When this committed move is made no incinerator will be available at the contractors for further design and tests to eliminate the above problems of ending slow rate of burning, unburned residue, and screen failure. There are also several design changes that should be incorporated in a second unit before a design is finalized for production.

The proposed construction of a second incinerator in addition to enabling the above investigation to continue will permit the continuation of the concurrent development of a continuous feeding mechanism for the incinerator.

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25X1





By the time a final prototype of the feeding mechanis present incinerator will be in	m is available the 25X1
3. Recommended Contractor	
The recommended contractor for this project is who is currently conducting this development at it	their laboratories 25X1 25X1
4. Support Requirements	
There are no support requirements. Representative of Physical Security are kept informed of progress and sulted for guidance.	es of the Office d continually con-
5. Total Cost	
The cost of this additional work is estimated at a extension of four months. Charges are to be made again Mumber 9-2502-75-009.	\$11,766.00 for an inst Allotment
6. Security Information	
Contract RD-26 is an Agency sterile contract. Tas sterile. The item under development is unclassified. may be shown. Agency interest in all work and materia and task is classified Secret and may be divulged only basis to apprepriate security approved personnel.	Government interest
7. Project Engineers	
The project engineers for this program are Room 210, West Outbuilding, extension	25X1
·	25X1
	cnier ering Division
DD/P/TSS/ED	25X1
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